## **Index of Claims**



Application/Control No.

10/630,061

Examiner

X. L. Bautista

Applicant(s)/Patent under Reexamination

JOEL M. BARRIS ET AL

Art Unit

2179

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

| - | (Through numeral)<br>Cancelled |  |  |  |  |  |  |
|---|--------------------------------|--|--|--|--|--|--|
| ÷ | Restricted                     |  |  |  |  |  |  |

| N | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla  |   | _                                     |              |  | Date   | e  |  |              | _  |              |
|--|---|---------------------------------------|--------------|--|--|--|--|--------------|--|--------------|
| · Final  | Original  | 3/22/07                               |              |  |  |  |  |              |  |              |
|  | 1   | 1                                     |              |  |  |  |  |              |  |              |
|  | 2   | 1                                     |              |  |  |  |  |              |  |              |
|  | 3   | 1                                     |              |  |  |  | <u> </u>   |              |  |              |
|  | 4   | 1                                     |              | _  | ļ  | _  |  |              |  |              |
|  | 5   | 1                                     |              | L  |  |  | <u> </u>   |              |  |              |
| <u> </u>   | 6   | 1                                     | _            |  |  | Ŀ  | <u> </u>   |              |  |              |
|  | 7   | 1                                     | _            | <u> </u>   |  |  |  | _            | _  |              |
|  | 8   | V                                     | _            | ·  |  |  | _  | _            |  |              |
| $\vdash$   | 10  | 1                                     | <del> </del> | -  |  |  | -  |              | -  |              |
|  | 11  | V                                     | $\vdash$     | -  |  |  | $\vdash$   | _            |  | <del> </del> |
|  | 12  | J                                     | $\vdash$     |  | <del>                                     </del> | <del> </del>                                     | <del> </del>                                     | $\vdash$     | ┢  | ┝            |
|  | 13  | j                                     | _            | $\vdash$   | <u> </u>   | <del> </del>                                     | 1  | <del> </del> |  | -            |
|  | 1<br>2<br>3<br>4<br>5<br>6<br>7<br>8<br>9<br>10<br>11<br>12<br>13<br>14<br>15<br>16<br>17<br>18<br>19<br>20<br>21 | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ |              | $\vdash$   | <del>  -</del>                                   | $\vdash$   | $\vdash$   | $\vdash$     | $\vdash$   | $\vdash$     |
|  | 15  | V                                     | _            | <del>                                     </del> |  | <del>                                     </del> |  | <b> </b>     | <del>                                     </del> |              |
|  | 16  | V                                     | $\Box$       | <del>                                     </del> | ·  | Т  | Г  |              | <u> </u>   |              |
|  | 17  | 1                                     |              |  |  |  |  |              |  |              |
|  | 18  | V                                     | _            | ·  |  |  |  |              |  |              |
|  | 19  | 1                                     |              |  |  |  |  |              |  |              |
|  | 20  | 1                                     |              |  |  |  |  |              |  |              |
|  | 21  | ٧                                     |              |  |  |  |  |              |  | <u> </u>     |
|  | 22  | 1                                     | <u> </u>     |  | ļ  |  |  |              | L  |              |
|  | 22<br>23<br>24  | 7 7 7 7                               |              |  |  | _  |  |              |  | _            |
|  | 24  | 1                                     | ٠            | _  |  | _  | _  |              | _  | <u> </u>     |
| ļ  | 25  | 1                                     | <u> </u>     | <u> </u>   |  | -  | ┞  | <u> </u>     |  | _            |
| -  | 25<br>26<br>27<br>28<br>29  | N I                                   |              |  |  |  | $\vdash$   |              | _  | <u> </u>     |
| $\vdash$   | 28  | 1                                     | $\vdash$     | _  |  | $\vdash$   | $\vdash$   | _            | $\vdash$   | ┝            |
| $\vdash$   | 20  | J                                     | -            |  | _  |  |  |              | _  |              |
| <del>-</del>                                     | 30  |                                       | -            | -  |  |  |  | <del> </del> |  |              |
|  | 30<br>31  | J                                     | $\vdash$     |  |  |  | <del>                                     </del> | -            |  |              |
|  | 32  | V V O V                               | _            | $\vdash$   | <del></del>                                      | $\vdash$   | <u> </u>   | $\vdash$     | $\vdash$   | $\vdash$     |
|  | 33  | 1                                     |              |  |  |  | i -  |              |  |              |
|  | 34  | 1                                     |              | H  | <u> </u>   |  |  | <u> </u>     | 一  | $\vdash$     |
|  | 32<br>33<br>34<br>35  | =                                     |              |  |  |  |  |              |  |              |
|  | 36  | 1                                     |              |  |  |  |  |              |  |              |
|  | 36<br>37<br>38<br>39  |                                       |              |  |  |  |  |              |  |              |
|  | 38  |                                       |              | oxdot  |  | $\Box$   |  |              |  |              |
|  | 39  | _                                     |              | L  |  |  |  | <u> </u>     |  |              |
| <u> </u>   | 40  |                                       |              | _  | _  | <u>_</u>   | <u> </u>   | <u> </u>     | <u> </u>   | _            |
| <u> </u>   | 41  |                                       |              |  |  |  |  |              |  | <u> </u>     |
| <u> </u>   | 42<br>43  |                                       | _            | <u> </u>   |  | <u> </u>   |  |              | <u> </u>   | ļ            |
|  | 43  |                                       |              | _  | _  | _  | $\vdash$   |              |  | _            |
| <u> </u>   | 44  |                                       |              | -  | H  | -  | ┝  |              |  |              |
| $\vdash$   | 46  |                                       |              | $\vdash$   | $\vdash$   | $\vdash$   | $\vdash$   | -            | —  | -            |
| $\vdash$   | 47  | $\vdash$                              |              |  |  | $\vdash$   | $\vdash$   | _            | <u> </u>   |              |
|  | 48  |                                       |              |  |  | H  | <del>   </del>                                   | H            | <del> </del>                                     | -            |
| <del></del>                                      | 49  |                                       | _            |  | _  |  | -  | $\vdash$     |  |              |
| <del>                                     </del> | 50  | -                                     |              |  | _  |  | $\vdash$   | Η-           | -  | -            |

| Cla  | Claim    |          | .Date    |              |  |              |          |              |   |          |  |  |
|--|----------|----------|----------|--------------|--|--------------|----------|--------------|---|----------|--|--|
| Final  | Original |          |          |              |  |              |          |              |   |          |  |  |
|  | 51       |          |          |              |  |              |          |              |   |          |  |  |
|  | 52       |          | -        |              | _  |              |          |              |   |          |  |  |
|  | 53       |          |          | _            | _  |              |          |              |   |          |  |  |
|  | 54       | Г        |          | _            | _  | $\vdash$     |          |              | _ |          |  |  |
|  | 55       |          |          |              |  |              |          |              |   |          |  |  |
| ,  | 56       |          | -        |              | -  | i i          |          | _            |   |          |  |  |
| <u> </u>                                       | 57       | $\vdash$ | H        | $\vdash$     | $\vdash$   | ┝            | _        | _            |   |          |  |  |
|  | 58       |          |          | $\vdash$     | $\vdash$   | $\vdash$     |          | -            |   | _        |  |  |
|  | 59       | $\vdash$ | Н        |              | $\vdash$   | $\vdash$     |          |              |   |          |  |  |
| $\vdash$                                       | 60       |          |          |              | <del> </del>   | $\vdash$     |          | $\vdash$     |   |          |  |  |
|  | 61       |          |          | $\vdash$     |  |              |          | $\vdash$     |   |          |  |  |
|  | 62       | $\vdash$ |          | H            | $\vdash$   | $\vdash$     |          | $\vdash$     |   |          |  |  |
|  | 62<br>63 | $\vdash$ | -        | $\vdash$     | $\vdash$   | $\vdash$     | _        |              |   |          |  |  |
| -  | 64       | $\vdash$ | -        | <del> </del> |  |              |          |              | _ |          |  |  |
| -  | 64<br>65 | -        |          |              | -  | <del> </del> |          | -            | - | _        |  |  |
|  | 66       | -        |          | -            |  | -            | _        |              |   |          |  |  |
| -  | 67       | $\vdash$ | H        | -            | $\vdash$   | $\vdash$     | _        | $\vdash$     |   | _        |  |  |
|  | 68       | $\vdash$ |          | -            | $\vdash$   | _            |          | $\vdash$     | • |          |  |  |
| -  | 00       | -        | _        | <u> </u>     | <u> </u>   |              |          | <u> </u>     |   |          |  |  |
| <u> </u>                                       | 69       | _        | ļ        |              |  | <u> </u>     | _        | <del> </del> |   |          |  |  |
|  | 70       | _        | _        | <u> </u>     |  | ļ            |          |              |   |          |  |  |
|  | 71       |          | _        | <u> </u>     | _  | <u> </u>     | _        | <u> </u>     | _ | <u> </u> |  |  |
|  | 72       | <u> </u> | ļ        |              | <u> </u>   | _            | _        |              |   | _        |  |  |
|  | 73<br>74 |          |          |              | _  |              |          |              |   | Ь.       |  |  |
|  | 74       |          |          |              | _  | _            |          | _            |   | _        |  |  |
|  | 75<br>76 | <u> </u> | <u> </u> |              | _  |              |          |              |   | <u> </u> |  |  |
|  | 76       |          | _        | _            | _  |              |          |              |   |          |  |  |
|  | 77       |          |          |              | _  | _            |          | _            |   |          |  |  |
|  | 78<br>79 |          | _        |              | _  | <u> </u>     |          | _            |   |          |  |  |
| ļ  | 79       | L.       | ļ        | <u> </u>     |  | <u> </u>     |          |              |   |          |  |  |
| ļ  | 80       | <u> </u> |          | _            |  | L            | ·_       | _            |   |          |  |  |
|  | 81       |          |          |              | $ldsymbol{ld}}}}}}$ |              |          |              |   |          |  |  |
| · <u>                                     </u> | 82       |          |          |              | ļ_   |              |          |              |   |          |  |  |
|  | 83       |          |          | L            |  | L.           |          | Ŀ            |   |          |  |  |
|  | 84       | L        |          | <u> </u>     | <u> </u>   | L            |          |              |   |          |  |  |
|  | 85       | _        |          |              | Ŀ  | <u>L</u> .   |          |              |   |          |  |  |
|  | 86       |          |          | <u> </u>     |  | <u></u>      |          |              |   |          |  |  |
|  | 87       |          |          | <u> </u>     |  |              |          |              |   |          |  |  |
|  | 88       |          |          |              |  |              |          |              |   |          |  |  |
|  | 89       |          |          |              |  |              |          |              |   |          |  |  |
| L  | 90       |          |          |              |  | L.           | <u> </u> |              |   |          |  |  |
| <u> </u>                                       | 91       |          |          |              |  | L            |          |              |   |          |  |  |
|  | 92       |          |          |              |  |              |          |              |   |          |  |  |
|  | 93       |          |          |              |  |              |          |              |   |          |  |  |
|  | 94_      |          |          |              |  |              |          |              |   |          |  |  |
|  | 95       |          |          |              |  |              |          |              |   |          |  |  |
| .[   | 96       |          |          |              |  |              |          |              |   |          |  |  |
|  | 97       |          |          |              |  |              |          |              |   |          |  |  |
|  | 98       |          |          |              |  |              |          |              |   |          |  |  |
|  | 99       |          |          |              |  |              |          |              |   |          |  |  |
|  |          |          |          | _            | _  | _            | _        |              |   | _        |  |  |

| Cla   | Date              |              |              |                |          |              |              |                |                |              |
|-------|-------------------|--------------|--------------|----------------|----------|--------------|--------------|----------------|----------------|--------------|
|       |                   |              | Π            |                |          |              |              |                |                |              |
| Final | Original          |              |              |                | 1        |              |              |                |                |              |
| ίĒ    | Öriç              |              |              |                |          |              |              |                |                |              |
|       |                   |              |              | <u> </u>       | _        |              | L            | L              |                |              |
|       | 101<br>102        | L            |              |                |          | _            |              |                |                |              |
|       | 102               |              |              |                |          | _            |              |                |                |              |
|       | 103               |              |              |                |          |              |              |                |                |              |
|       | 104               |              |              |                | _        | <u> </u>     |              |                |                |              |
|       | 105               |              |              |                |          | _            |              |                |                |              |
| _     | 106               |              |              |                |          | _            |              |                | _              |              |
|       | 107               |              |              |                |          |              | _            | L              | _              | _            |
|       | 108               |              |              | <u> </u>       | <u> </u> |              |              |                | <u> </u>       |              |
|       | 109               |              |              | _              |          |              |              |                | <u> </u>       | L            |
|       | 110               |              |              | <u> </u>       |          | _            |              |                |                | L            |
|       | 111               |              | _            | _              |          |              | _            |                | _              | _            |
|       | 112<br>113        |              |              | _              |          |              |              |                | <u> </u>       | _            |
|       | 113               | _            |              | <u> </u>       | <b> </b> | <u> </u>     | ļ            |                | <u> </u>       | <u> </u>     |
|       | 114               |              |              | <u> </u>       |          |              | <u> </u>     | _              |                | _            |
|       | 115               |              | <u> </u>     | <u> </u>       | <u> </u> | <u> </u>     | <u> </u>     |                |                | <u> </u>     |
|       | 116               |              | _            |                |          |              | _            | _              |                |              |
|       | 117               | _            |              | _              |          |              |              | <u> </u>       |                |              |
|       | 118               | _            |              | ļ              |          | _            | _            | <u> </u>       |                |              |
|       | 119               |              | _            | <u> </u>       |          |              | <u> </u>     | _              | _              |              |
|       | 120               | ļ            |              | ļ              |          |              |              |                |                | <u> </u>     |
|       | 121<br>122        |              |              | L              | <u> </u> |              |              |                |                |              |
|       | 122               |              |              | L              |          | _            | _            |                |                |              |
|       | 123<br>124<br>125 |              |              |                |          | _            | _            |                | L              | <u> </u>     |
|       | 124               |              | _            | _              |          | <u> </u>     | _            | <u> </u>       | _              | ļ            |
|       | 125               |              | <u> </u>     | ├_             |          |              | <u> </u>     | _              | L              | _            |
|       | 126<br>127        | <u> </u>     | _            | L              |          |              | <u> </u>     | <u> </u>       | <u> </u>       |              |
|       | 127               | _            | _            | _              | _        |              |              | L              |                | -            |
|       | 128<br>129        |              | <u> </u>     |                |          | -            | ┝            | ┝              | ┝              | ┝            |
|       | 129               |              |              | <b>├</b>       | <u> </u> |              | <u> </u>     | -              | _              | H            |
|       | 130               |              |              |                | <u> </u> | -            | <del> </del> | H              | ┝              | <del> </del> |
|       | 131<br>132        | $\vdash$     | -            | $\vdash$       |          |              |              |                | _              | ┝            |
|       | 132               | $\vdash$     | H            | ⊢              |          |              | _            |                | _              | H            |
|       | 133               | <u> </u>     | -            | ⊢              | <u> </u> | _            |              | _              | H              | -            |
|       | 134<br>135        | <u> </u>     | -            | ⊢              | -        |              | _            | H              | -              | <del> </del> |
|       | 133               |              | <u> </u>     |                |          |              |              | -              | $\vdash$       | -            |
|       | 136<br>137        | <u> —</u>    | <del> </del> | $\vdash$       | -        | <del> </del> |              | $\vdash$       | $\vdash$       | -            |
|       | 138               | $\vdash$     | $\vdash$     | $\vdash$       | -        | $\vdash$     | $\vdash$     | -              | $\vdash$       | $\vdash$     |
|       | 139               | $\vdash$     |              | $\vdash$       | -        | ├            | <del> </del> | $\vdash$       |                | -            |
|       | 140               |              | $\vdash$     | $\vdash$       | $\vdash$ | ├            | -            | $\vdash$       |                |              |
|       | 141               | -            | -            | $\vdash$       | ⊢        | $\vdash$     | $\vdash$     | $\vdash$       | $\vdash$       | $\vdash$     |
|       | 141               | $\vdash$     | $\vdash$     | <del>  -</del> | ├─       | $\vdash$     | $\vdash$     |                | $\vdash$       | <del> </del> |
|       | 143               | <del> </del> | -            | <del> </del>   | -        | $\vdash$     | $\vdash$     |                | $\vdash$       |              |
|       | 144               | H            | $\vdash$     | $\vdash$       |          | -            | <del> </del> | $\vdash$       | <del>  -</del> | -            |
|       | 145               | $\vdash$     | -            | -              | -        | -            |              | $\vdash$       | $\vdash$       | ┝╌           |
|       | 146               | $\vdash$     | $\vdash$     | $\vdash$       |          | $\vdash$     | <del> </del> | <del>  -</del> | $\vdash$       |              |
|       | 147               | $\vdash$     | $\vdash$     | $\vdash$       |          | $\vdash$     | <del> </del> | $\vdash$       | $\vdash$       | $\vdash$     |
|       | 148               | $\vdash$     |              | $\vdash$       | $\vdash$ |              | $\vdash$     | -              | $\vdash$       | $\vdash$     |
|       | 149               | <del> </del> |              | ┢              |          | $\vdash$     | $\vdash$     | $\vdash$       | $\vdash$       | -            |
|       | 150               |              |              |                |          | -            | -            | $\vdash$       | $\vdash$       | $\vdash$     |
|       | 130               | ı            |              | Ī              | ı        | ı            |              |                |                | 1            |